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APR 29 2002

1108-8A

TYPE  
PATENT

Information Disclosure Statement by Applicant				Complete if Known	
				Application Number	10,079,068
				Filing Date	February 20, 2002
				First Named Inventor	Giorgio Trinchieri et al
				Group Art Unit	1647
				Examiner Name	S. Prasad J. Sehrawaseeyan
Sheet	1	of	5	Attorney Docket Number	WST85BUS.A

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.*	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
JP	AA	5,457,038	B1	G. Trinchieri	10/10/1995	RECEIVED MAY 01 2002
	AB	5,571,515	B1	P. Scott	11/05/1996	
	AC	5,723,127	B1	P. Scott	03/03/1998	
U	AD	5,976,539	B1	P. Scott	11/02/1999	TECH CENTER 1600 2000

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.*	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office	Number*	Kind Code* (if known)		
JP	AL	WO	WO90 05147	A1	G. Trinchieri	05/17/1990
JP	AM	WO	WO94 01139	A1	F. Ledley	01/20/1994

Examiner Signature	<i>S. Prasad</i>	Date Considered	1/14/05
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\* EXAMINER: Initials of examiner considered whether citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*\* Indicate citation designation number. (See attached Kinds of U.S. Patent Documents - Enter Office that issued the document, by the two-letter code. WIPO Standard S1.3 - For Japanese patent documents, the indication of the year of the design of the Japanese must precede the serial number of the patent document. \*Kind of document by the appropriate symbol is indicated in the document under WIPO Standard S1.3, if possible. \*Applicant is to place a check mark here if English language translation is attached.

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PLUMB SB 800

Substance filed in 37 CFR 1.44 (APTO)		* PAPERS* Complete if Known		RECEIVED
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10079,068	MAY 01 2002
use as many sheets as necessary		Filing Date	February 20, 2002	100-2906
		First Named Inventor	Giorgio Trinchieri <del>RE</del> JENTER	
		Group Art Unit	1646-1647	
		Examiner Name	S. Prasad J. Sehraway	
Sheet	2	of	5	Attorney Docket Number
WST85BUSA				

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No.*	Include name of the author (or CITE NAME LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	?
JS	AR	E. VOEST et al. "Inhibition of Angiogenesis in Vivo by Interleukin 12", J. Natl. Cancer Inst., 87 5813 (April 19, 1995)	
	AS	A. D'ANDREA et al. "Production of Natural Killer Cell Stimulatory Factor (Interleukin 12) by Peripheral Blood Mononuclear Cells", J. Exp. Med., 176 1387 (November, 1992)	
	AT	G. TRINCHIERI, "Interleukin-12: A Proinflammatory Cytokine with Immunoregulatory Function that Bridges Innate Resistance and Antigen-Specific Adaptive Immunity", Annu Rev Immunol., 13 251 (1995)	
	AU	M. BRUNDA, "Role of IL-12 as an Anti-tumour Agent: Current Status and Future Directions", Res. Immun., 146 622 (September-October, 1995)	
	AV	R. GAZZINELLI et al. "Interleukin-12 is Required for the T-lymphocyte-Independent Induction of Interferon $\gamma$ by an Intracellular Parasite and Induces Resistance in T-cell-deficient Hosts", Proc. Natl. Acad. Sci. USA, 90 6115 (July, 1993)	
	AW	G. MULLER et al. "IL-12 as Mediator and Adjuvant for the Induction of Contact Sensitivity in Vivo", J. Immunol., 155 4661 (November 15, 1995)	
	AX	C. SGADARI et al. "Inhibition of Angiogenesis by Interleukin-12 is Mediated by the Interferon-Inducible Protein 10", Blood, 87 3877 (May 1, 1996)	
	AY	F. HEINZEL et al. "Recombinant Interleukin 12 Cures Mice Infected with Leishmania Major", J. Exp. Med., 177 1505 (May, 1993)	
	AZ	C. COUGHLIN et al. "The Effect of Interleukin 12 Desensitization on the Antitumor Efficacy of Recombinant Interleukin 12", Cancer Res., 57 2460 (June 15, 1997)	

Examiner Signature	<i>S. Prasad</i>	Date Considered	3/14/05
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\* EXAMINER: Initial if reference considered whether or not it is in conformance with MPEP. Draw line in signature if not in conformance and not considered. Include copy of this form with next communication to applicant.

\* unique citation reference number. <sup>1</sup>Applicant is to place a check mark here if English language translation is attached.

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P A T E N T  
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PTO/SB-14 (Rev. 4-9-97)

<p>Substance 1 Form 1449A PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> use as many sheets as necessary</p>		Complete if Known		
		Application Number	10 079,068	RECEIVED
		Filing Date	February 20, 2002	MAY 01 2002
		First Named Inventor	Giorgio Trinchieri <i>120-CENTER 100-2900</i>	
		Group Art Unit	1616-1647	
Examiner Name	S. Prasad <i>J. Sehgal</i>			
Sheet	3	of	5	
		Attorney Docket Number	WST85BUSA	

OTHER PRIOR ART -- NON-PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Page
<i>JS</i>	AAR	J. ORANGE et al, "Effects of IL-12 on the Response and Susceptibility to Experimental Viral Infections", <i>J. Immunol.</i> , 152:1253 (February 1, 1994)	
	AAS	J. COHEN, "IL-12 Deaths Explanation and a Puzzle", <i>Science</i> , 270:908 (November 10, 1995)	
	AAT	C. COUGHLIN et al, "Interleukin-12 and Interleukin-18 Synergistically Induce Murine Tumor Regression which Involves Inhibition of Angiogenesis", <i>J. Clin. Invest.</i> , 101:1441 (March 15, 1998)	
	AAU	M. ATKINS et al, "Phase I Evaluation of Intravenous Recombinant Human Interleukin 12 in Patients with Advanced Malignancies", <i>Clin. Cancer Res.</i> , 3:409 (March, 1997)	
	AAV	H. KURZAWA et al, "Recombinant Interleukin-12 Enhances Cellular Immune Responses to Vaccination only after a Period of Suppression", <i>Cancer Res.</i> , 58:491 (February 1, 1998)	
	AAW	Y. NOGUCHI et al, "Influence of Interleukin 12 on p53 Peptide Vaccination Against Established Meth A Sarcoma", <i>Proc. Natl. Acad. Sci. USA</i> , 92:2219 (March, 1995)	
	AAX	M. KOBAYASHI et al, "Identification and Purification of Natural Killer Cell Stimulatory Factor (NKSF), a Cytokine with Multiple Biologic Effects on Human Lymphocytes", <i>J. Exp. Med.</i> , 170:827-845 (September, 1989)	
<i>Q</i>	AAY	C. HUNTER et al, "Studies on the Role of Interleukin-12 in Acute Murine Toxoplasmosis", <i>Immunol.</i> , 84:19 (January, 1995)	

Examiner Signature	<i>Oleksy</i>	Date Considered	1/14/02
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

\* unique citation designation number. \*Applicant is to place a check mark here if an English-language translation is attached.

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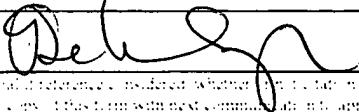
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PTO/SB-88 Rev. 10-02

<p>Substitute for Form 144-A (PTO)</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>use as many sheets as necessary</p>		TRADEMARKS Complete if Known	
		Application Number	10079,068
		Filing Date	February 20, 2002
		First Named Inventor	Giorgio Trinchieri et al
		Group Art Unit	1646 1647 TECH CENTER 1600:29
Examiner Name	S. Prasad J. S. Chavasegar		
Sheet	4	of	5
		Attorney Docket Number	WST85BUSA

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Page
SS	AAZ	S GREGORY et al, "Reactive Nitrogen Intermediates Suppress the Primary Immunologic Response to Listeria", J Immunol, 150 2901 (April 1, 1993)	
	BR	M SCHWACHA et al, "Interleukin-12 is Critical for Induction of Nitric Oxide-Mediated Immunosuppression Following Vaccination of Mice with Attenuated <i>Salmonella typhimurium</i> ", Infection and Immunity, 65 4897 (December, 1997)	
	BS	R FERNANDEZ-GOMEZ et al, "Trypanosoma cruzi Tc52 Released Protein-Induced Increased Expression of Nitric Oxide Synthase and Nitric Oxide Production by Macrophages", J Immunol, 160 3471 (April 1, 1998)	
	BT	E CANDOLFI et al, "Mitogen- and Antigen-Specific Proliferation of T Cells in Murine Toxoplasmosis is Inhibited by Reactive Nitrogen Intermediates", Infection and Immunity, 62 1995 (May, 1994)	
	BU	K FECHO et al, "Macrophage-Derived Nitric Oxide is Involved in the Depressed Concanavalin A Responsiveness of Splenic Lymphocytes from Rats Administered Morphine in Vivo", J Immunol, 152 5845 (June 15, 1994)	
	BV	J MACMICKING et al, "Nitric Oxide and Macrophage Function", Annu Rev Immunol, 15 323 (1997)	
	BW	A KOMAROV et al, "Iron Potentiates Nitric Oxide Scavenging by Dithiocarbamates in Tissue of Septic Shock Mice", Biochim Biophys Acta, 1361(3) 229-234 (October 24, 1997)	
↓	BX	M IKEDA et al, "Nitric Oxide Inhibits Intracellular Adhesion Molecule-1 Expression in Rat Mesangial Cells", J Am Soc Nephrol, 7(10) 2213-2218 (October, 1996)	

Examiner Signature		Date Considered	1/14/08
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\*EXAMINER initial if reference is considered. Whether or not a reference is in conformance with MPEP 609. Draw line through each citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> unique citation reference number. <sup>2</sup> Applicant is to place a check mark here if English language translation is attached.

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PERSPECTIVE

<p>Substituted 11/11/01, pg. 144-A PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>use as many sheets as necessary</i></p>		Complete if known <i>4DEP</i>	
		Application Number	10/079,068
		Filing Date	February 20, 2002
		First Named Inventor	Giorgio Trinchieri et al
		Group Art Unit	1616-1647
Examiner Name	S. Prasad J. Sehora TECH CENTER 1600		
Sheet	5	of	5
Attorney Docket Number			
WST85BUSA			

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153-18002

#### OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS

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